

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MATSUSHITA ELECTRIC IND CO
LTD

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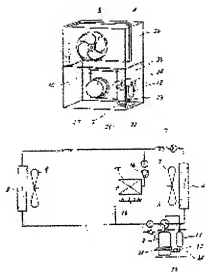
(72)Inventor : IMABAYASHI SATOSHI
JAKUDO JUNICHI
OTAKE TATSUNORI
YAMAGUCHI KOICHIRO

(54) AIR CONDITIONER

(57)Abstract:

PURPOSE: To reduce the running cost by providing a compressor in the atmosphere undergoing heat from a burning cylinder of a refrigerant heater, and further providing a heater for heating the compressor and a heater control temperature detector part for controlling the heater.

CONSTITUTION: A compressor 2 includes a compressor heater 21, and a heater control temperature detector part 22 is fixed to a piping part 23 between the compressor 2 and an accumulator 12 in the vicinity of the compressor 2. The compressor is substantially maintained in its needed temperature owing to the rise of the ambient temperature of the compressor 2 and the temperature rise of a heat insulating material 24, so that the compressor heater



21 is not substantially supplied with power by the heater control temperature detector part 22. Thus, the power consumption of the compressor heater 21 is greatly reduced and hence the running cost is also reduced.

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HEAT-RESISTANT PHOTOPOLYMER COMPOSITION AND PRODUCTION OF INTEGRATED CIRCUIT BY SING SAME

Patent number: JP2038427
Publication date: 1990-02-07
Inventor: FUKUYAMA SHUNICHI; others: 01
Applicant: FUJITSU LTD
Classification:
- international: C08G77/60; H01L21/312
- european:
Application number: JP19880188906 19880728
Priority number(s):

Abstract of JP2038427

PURPOSE: To obtain a resin composition having a leveling function, does not crack even when used in a high-temperature oxygen atmosphere, is sensitive to ultraviolet rays or an ionizing radiation, and having a structure represented by a specified formula.

CONSTITUTION: An organosilicon polymer of a weight-average MW of 3000-5000000, represented by formula I (wherein R1 is a vinyl, an allyl, a lower alkoxy or an aryl; R2 is an arylene; and n is 10-50000), wherein at least 5% of R1 groups are vinyls or allyls. The polymer of formula I is a polymer or mixture of organosilicon materials of formulas II and III. This polymer has a leveling function, does not crack even when used in a high-temperature oxygen atmosphere and is sensitive to ultraviolet rays or an ionizing radiation, so that it has such excellent performances that it is freed of a problem that the electrical properties, such as an insulation resistance value, of the resin is lowered because a photosensitizer, a polymerization initiator, etc., must be added to a conventional resin in order to impart photosensitivity thereto.

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